IN THE UNITED STATES PATENT & TRADEMARK OFFICE

In re Application of:

Lu et al.

Serial No.: 10/534,415

Filed: May 6, 2005

For: A Method For Generating
A Quality Oriented
Significance Map For
Assessing The Quality Of An
Image Or Video

Art Unit: Unassigned

Examiner: Unassigned

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

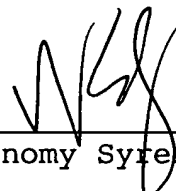
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Sir:

Enclosed please find Applicants' Information Disclosure
Statement.

Date: August 4, 2005

By:

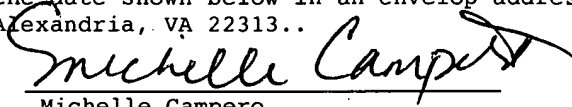

Niky Economy Syrengelas, Esq.

Reg. No. 46680

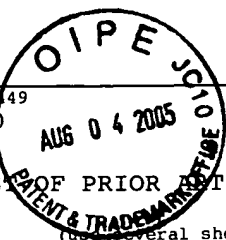
Certificate of Mailing (37 CFR 1.10)

I hereby certify that this response (along with any paper referred to as being attached or enclosed) is being deposited in Express Mail using Express Mail Post Office to Addressee with the United States Postal Service on the date shown below in an envelop addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313..

Express Mail No. EV 656493492 US
Date: August 4, 2005


Michelle Campero

FORM PTO-149
(REV. 7-80)



U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

212/746US

SERIAL NO.

10/534,415

LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT

Lu et al.

FILING DATE

May 6, 2005

GROUP

Unassigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,243,419	6/01	Satou et al.	375	240.13	
	AB	6,389,072	5/02	Tzou et al.	375	240	
	AC	6,055,015	4/00	John W. Edwards	348	192	
	AD	2002/012689 1	9/02	Osberger	382	165	
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AL	WO 99/21173	4/99	PCT			
	AM	EP 1109132	12/00	Europe			

OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, Etc.)

		Wang, Z. et al., "A Universal Image Quality Index," IEEE Signal Processing Letters, Vol. 9, No. 3, March 2002
		Wang, Z. et al., "No-Reference Perceptual Quality Assessment of JPEG Compressed Images," Laboratory for Image Video Engineering (LIVE), Dept. of Electrical and Computer Engineering, The University of Texas at Austin

EXAMINER

DATE CONSIDERED

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 212/746US		SERIAL NO. 10/534,415	
LIST OF PRIOR ART CITED BY APPLICANT (use several sheets if necessary)				APPLICANT Lu et al.			
				FILING DATE May 6, 2005		GROUP Unassigned	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AL						
	AM						
OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, Etc.)							
		Bober, Mirosław, "MPEG-7 Visual Shape Descriptors," IEEE Transactions on Circuits and Systems for Video Technology, Vol 11, No. 6, June 2001					
		Winkler, Stefan, "Vision Models and Quality Metrics for Image Processing Applications, 2000," Swiss Federal Institute of Technology/Lausanne, 2000					
EXAMINER				DATE CONSIDERED			
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant							

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 212/746US		SERIAL NO. 10/534,415	
LIST OF PRIOR ART CITED BY APPLICANT (use several sheets if necessary)				APPLICANT Lu et al.			
				FILING DATE May 6, 2005		GROUP Unassigned	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AL						
	AM						
OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, Etc.)							
		Christian J. Van Den Branden Lambrecht, "Perceptual Models and Architectures for Video Coding Applications," Swiss Federal Institute of Technology/Lausanne, 1996					
		Itti, L. et al., "Computational Modelling of Visual Attention," Nature Review, Volume 2, March 2001					
EXAMINER				DATE CONSIDERED			
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant							

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 212/746US		SERIAL NO. 10/534,415	
LIST OF PRIOR ART CITED BY APPLICANT (use several sheets if necessary)				APPLICANT Lu et al.			
				FILING DATE May 6, 2005		GROUP Unassigned	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AL						
	AM						
OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, Etc.)							
		Laurent Itti, "Visual Attention," University of Southern California,					
		Wolf, S. et al., "Spatial-temporal Distortion Metrics for In-Service Quality Monitoring of any Digital Video System," Institute for Telecommunication Services					
EXAMINER				DATE CONSIDERED			
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant							